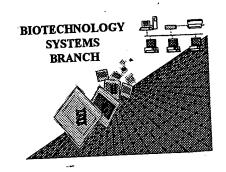
# RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/153,838

Art Unit / Team No.: 0/16

Date Processed by STIC: 9/28/98

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

# Raw Sequence Listing Error Summary

#### 

FRROR DETECTED	SUGGESTED CORRECTION  SUGGESTED BY PTO SOFTWARE
ERRON DE	DITA DEADERS, WHICH WE'LL
ATTN: NEW RULES CASES: PI	LEASE DISREGARD ENGLISH "ALPHA" RESERVED.  The number/text at the end of each line "wrapped" down to the next line.  The number/text at the end of each line "wrapped" down to the next line.
1 Wrapped Nucleics	The manual in a word processor and the
1	This may occur if your file was retneved in a work.  Please adjust your right margin to .3, as this will prevent "wrapping".
	Please adjust your ngnt margin to to a
	The amino acid number/text at the end of each line "wrapped " down to the next line.  The amino acid number/text at the end of each line "wrapped " down to the next line.
2 Wrapped Aminos	The amino acid number/text at the chief and word processor after creating it.
2	The amino acid number/text at the end of each line wropper.  This may occur if your file was retrieved in a word processor after creating it.  Please adjust your right margin to .3, as this will prevent "wrapping".
	Diase adjust your ngnt maight to or
	The rules require that a line not exceed 72 characters in length. This includes spaces.
3 Incorrect Line Length	The rules require that a line not exceed to
3	A MANA A MICHAEL ON DAYO.
	The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs  The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
4 Misaligned Amino Acid	The numbering under each 5th amino acid is misaligned. This may be caused by the discontinuous the numbers. between the numbering. It is recommended to delete any tabs and uses spacing between the numbers.
Numbering	between the numbering. It is recommended
1405	u - Campace Rilles.
5 Non-ASCII	This file was not saved in ASCII (1000) terms is saved in ASCII text so that it can be processed.
5	Diaze ensure your subsequent out the
	Yes's which represented more than one residue.
6 Variable Length	Sequence(s) contain n's or Aaa's which represent a single residue.  As per the rules, each n or Xaa can only represent a single residue.  As per the rules, each n or Xaa can only represent a single residue.
6 Valiable Estigni	As per the rules, each n or Xaa can only represent each residue having variable length and
	As per the rules, each n or Xaa can only represent a single residue having variable length and Please present the maximum number of each residue having variable length and Please present in the transfer section that some may be missing.
	indicate in the (ix) realures section when
	this said designators which are not standard
7 Wrong Designation	Sequence(s) contain amino act of installation [Sequence] contain [Sequence
7 Willing Doorg	
	representations as per the object.  Sequence(s) missing. If intentional, please use the following format for each skipped sequence:  Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
8 Skipped Sequences	Sequence(s) missing. If interitorial, press
(OLD RULES)	Sequence(s)missing. If intertable processing in the intertable proce
(025 113== )	(I) SEQUENCE CHARACTERISTICS.(SOME
	A DESCRIPTION OF THE PROPERTY
	This sequence is internuolizing output.  Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
	Please also adjust the "(III) NUMBER OF THE Please also adjust the "(III) NUMBER OF THE PLEASE ASSOCIATION OF THE PLEASE A
	Please also adjust the (iii) volume.  Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
9 Skipped Sequences	Sequence(s) missing. If intertional, particularly
(NEW RULES)	<210> sequence id numbo.
(11211110===)	<400> sequence id number
	000
_	Use of N's and/or Xaa's have been detected in the Sequence Listing.
10 Use of N's or Xaa's	Use of N's and/or Xaa's have been detected in the state of N's and N's are present.  Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
10 Use of N's or Xaa's (NEW RULES)	Use of <220> to <223> is markbox to the second seco
(11211111111111111111111111111111111111	
	ism Sequence(s) are missing this mandatory field or its response.
11 Use of <213>Organ (NEW RULES)	ism Sequence(s) are missing the
(NEW RULES)	J-8 /.0 ~ / 3  are missing the <220>Feature and associated headings.  are missing the <220>Feature and associated headings.
1 (	missing the <220>Feature and associated headings.
Use of <220>Feat	are missing the <220>Feature and associated readings.  Sequence(s) are missing the <220>Feature and associated readings.  Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"  Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"  Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
(NEW RULES)	Use of <220> to <223> is MANDATORY if <213> ORGANISM to 104, pp. 29631-32) (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)
<b>,</b> ,	(See "Federal Register, Oromona Bules)
Mines Format	File submitted was in the alphabetical heading format of the Old Sequence Rules. This is interest.  "Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Disclosures"  "Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Disclosures"
13 Wrong Format	"Requirements for Patent Applications Containing 1, 1998, p. 29620
	"Requirements for Patent Applications Containing Federal Register Notice, Vol. 63, No. 104, June 1, 1998, p. 29620 Federal Register Notice, Vol. 63, No. 104, June 1, 1998.
	Federal Register Notice, Vol. 55, 144  applies to applications filed on or after July 1, 1998.  AKS-Biotechnology Systems Branch- 7/10/98
	AKS-Biotechnology Systems

PAGE: 1

### RAW SEQUENCE LISTING PATENT APPLICATION US/09/153,838

DATE: 09/28/98 TIME: 16:47:01

Input Set: I153838.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.

```
new format
    <110> APPLICANT: Wils, Pierre
1
          Ollivier, Monique
    <120> TITLE OF INVENTION: PURIFICATION OF PHARMACEUTICAL-GRADE PLASMID DNA
2
    <130> FILE REFERENCE: ST96016-US
    <140> CURRENT APPLICATION NUMBER: US/09/153,838
5
    <141> CURRENT FILING DATE: 1998-09-15
                                                                   Does Not Comply
6
    <150> EARLIER APPLICATION NUMBER: PCT/FR97/00472
                                                              Corrected Diskette Needed
7
    <151> EARLIER FILING DATE: 1997-03-17
8
    <150> EARLIER APPLICATION NUMBER: FR96/03519
9
    <151> EARLIER FILING DATE: 1996-03-21
10
    <160> NUMBER OF SEQ ID NOS: 15
11
    <170> SOFTWARE: PatentIn Ver. 2.0
12
    <210> SEQ ID NO 1
13
                              ) see iten 12 m Eun Sunnay Sheet
    <211> LENGTH: 25
14
     <212> TYPE: DNA
15
    <213> ORGANISM: Unknown
16
     <400> SEQUENCE: T
                                                                           25
17
           gaggettett ettettette ttett
18
     <210> SEQ ID NO 2
19
     <211> LENGTH: 21
20
     <212> TYPE: DNA
21
     <213> ORGANISM: Unknown
22
     <400> SEQUENCE: 2
                                                                            21
23
           cttcttcttc ttcttcttct t
24
     <210> SEQ ID NO 3
25
     <211> LENGTH: 56
26
     <212> TYPE: DNA
27
     <213> ORGANISM: Unknown
28
     <400> SEQUENCE: 3
           agcttctcga gctgcaggat atcgaattcg gatcctctag agcggccgcg agctcc
                                                                            56
 29
 30
     <210> SEQ ID NO 4
 31
     <211> LENGTH: 56
 32
     <212> TYPE: DNA
 33
     <213> ORGANISM: Unknown
 34
      <220> FEATURE:
 35
      <400> SEQUENCE: 4
           agctggagct cgcggccgct ctagaggatc cgaattcgat atcctgcagc tcgaga
 36
                                                                            56
 37
      <210> SEQ ID NO 5
 38
      <211> LENGTH: 58
 39
      <212> TYPE: DNA
 40
      <213> ORGANISM: (Unknown
 41
      <220> FEATURE:
 42
      <400> SEQUENCE: 5
            43
                                                                            58
 44
```

PAGE: 2

## RAW SEQUENCE LISTING DATE: 09/28/98 PATENT APPLICATION US/09/153,838 TIME: 16:47:01

Input Set: I153838.RAW

45	<210> SEQ ID NO 6	
46	<211> LENGTH: 58	
47	<212> TYPE: DNA	
48	<213> ORGANISM: Unknown	
49	<220> FEATURE:	
50	<400> SEQUENCE: 6 aattccttct tcttcttctt cttcttcttc ttcttcttc	58
51		
52	<210> SEQ ID NO 7	
53	<211> LENGTH: 27	
54	<212> TYPE: DNA	
55	<213> ORGANISM: Unknown	
56	<220> FEATURE:	
57	<400> SEQUENCE: 7	27
58	ccgaattctg gggaccaaag cagtttc	
59	<210> SEQ ID NO 8	
60	<211> LENGTH: 27	
61	<212> TYPE: DNA	
62	<213> ORGANISM Únknown	
63	<220> FEATURE:	
64	<400> SEQUENCE: 8 ccaagcttca ctgttcacga cgggtgt	27
65		
66	<210> SEQ ID NO 9	
67	<211> LENGTH: 19	
68	<212> TYPE: DNA <213> ORGANISM: Escherichia coli	
69		
70	<220> FEATURE:	
71	<400> SEQUENCE: 9	19
72	aagggagga ggagaggaa	
73	<210> SEQ ID NO 10 <211> LENGTH: 19	
74	<211> LENGTH: 19 <212> TYPE: DNA	
75 76	<213> ORGANISM: Unknown	
76	<220> FEATURE:	
77	<220	
78 70		19
79	aaggagagga gggagggaa <210> SEQ ID NO 11	
80	<211> LENGTH: 19	
81	<211> LENGTH. 15 <212> TYPE: DNA	
82	<213> ORGANISM Unknown	
83	<220> FEATURE:	
84	<400> SEQUENCE: 11	
85	ttggtgtggt gggtgggtt	19
86	<210> SEQ ID NO 12	
87	<211> LENGTH: 19	
88	<211> LENGTH: 19 <212> TYPE: DNA	
89	<212> TYPE: DNA (213> ORGANISM Unknown )	
90	<220> FEATURE:	
91	<220> FEATURE: <400> SEQUENCE: 12	
92	cttcccgaag ggagaaagg	19
93	<210> SEQ ID NO 13	
94	/210\ 2E\ ID NO 12	

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/153,838

DATE: 09/28/98 TIME: 16:47:01

Input Set: I153838.RAW

95		LENGTH: 21	
96	<212>	TYPE: DNA	
97	<213>	ORGANISM: Unknown	
98		FEATURE:	
99	<400>	SEQUENCE: 13	21
100		gaagggttct tccctctttc c	
101	<210>	SEQ ID NO 14	
102	<211>	LENGTH: 13	
103	<212>	TYPE: DNA	
104	<213>	ORGANISM: Escherichia coli	
105	<220>	FEATURE:	
106	<400>	SEQUENCE: 14	13
107		gaaaaaggaa gag	
108	<210>	SEQ ID NO 15	
109	<211>	LENGTH: 17	
110	<212>	TYPE: DNA	
111	<213>	ORGANISM: Escherichia coli	
112		FEATURE:	
113	<400>	SEQUENCE: 15	17
114		aaaaaaggga ataaggg	

PAGE: -4

. . . .

VERIFICATION SUMMARY

PATENT APPLICATION US/09/153,838

DATE: 09/28/98
TIME: 16:47:01

DATE: 09/28/98

Input Set: 1153838.RAW

Original Text